

PROBLEM Solution

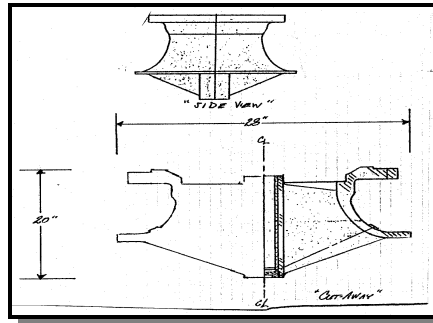
Project:
Suction Pump Ends
Process Water Cooling
Towers

Owner:
E. I. Dupont de Nemours
Sabine River Works
Orange, Texas

System:
EnviroLastic® AR 425

Area:
28" Diameter
20" Deep

Completed:
1997 / 1998 / 2000



Chemicals in the Process Water Cooling Tower Basins and the amount of cavitation at the suction pump ends was eroding the pump ends rapidly, making replacement with new ends a costly maintenance item.

DuPont Engineers approached Mobile Enterprises as to the feasibility of installing a coating on the cast iron pump ends to lengthen their service life.

The first pump end was coated in 1997 with EnviroLastic AR 425. This unit has served well and in 1998 and in 2000, additional pump ends were prepared and coated with either EnviroLastic AR 425 or EnviroLastic AR 200, both of which have proven satisfactory in the service environment